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TECHSPEC<sup>®</sup> 6mm de Dia. x -9mm FL, traité UV-AR, Lentille PCV UV



UV Fused Silica Plano-Concave (PCV) Lenses



Stock **#46-308** 20+ In Stock

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-

1

+

€145<sup>.00</sup>

AJOUTER AU PANIER

| Prix sur Quantité |                                  |
|-------------------|----------------------------------|
| Qté 1-5           | €145,00 prix unitaire            |
| Qté 6-25          | €116,00 prix unitaire            |
| Qté 26-49         | €108,00 prix unitaire            |
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Les prix sont indiqués hors TVA et droits applicables.

Espace téléchargement

Caractéristiques du produit

Plano-Concave Lens

Type:

Max. Flat Annulus is 0.3mm

Remarque:

| Propriétés physiques et mécaniques |                                    |
|------------------------------------|------------------------------------|
| 6.00 +0.0/-0.025                   | Diamètre (mm):                     |
| 2.00                               | Épaisseur Centrale CT (mm):        |
| ±0.05                              | Tolérance Épaisseur Centrale (mm): |
| <3                                 | Centrage (arcmin):                 |
| 5.4                                | Ouverture Utile CA (mm):           |
| 3.00                               | Épaisseur au Bord ET (mm):         |

| Propriétés optiques                                                                                                   |                                                       |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| -9.00                                                                                                                 | Distance Focale EFL (mm):                             |
| <a href="#">Fused Silica</a> (Corning 7980)                                                                           | Substrat: <input type="checkbox"/>                    |
| 1.5                                                                                                                   | f/#:                                                  |
| 0.33                                                                                                                  | Ouverture Numérique NA:                               |
| UV-AR (250-425nm)                                                                                                     | Traitement:                                           |
| 250 - 425                                                                                                             | Gamme de Longueur d'Onde (nm):                        |
| -10.38                                                                                                                | Distance Focale Arrière BFL (mm):                     |
| R <sub>abs</sub> ≤1.0% @ 250 - 425nm<br>R <sub>avg</sub> ≤0.75% @ 250 - 425nm<br>R <sub>avg</sub> ≤0.5% @ 370 - 420nm | Spécification du Traitement:                          |
| 587.6                                                                                                                 | Longueur d'Onde à la Focale Donnée (nm):              |
| ±1                                                                                                                    | Tolérance Distance Focale (%):                        |
| -4.13                                                                                                                 | Rayon R <sub>1</sub> (mm):                            |
| 40-20                                                                                                                 | Qualité de Surface:                                   |
| 3 J/cm <sup>2</sup> @ 355nm, 10ns                                                                                     | Damage Threshold, Reference: <input type="checkbox"/> |
| 1.5λ                                                                                                                  | Power (P-V) @ 632.8nm:                                |
| λ/4                                                                                                                   | Irregularity (P-V) @ 632.8nm:                         |

| Conformité réglementaire  |                             |
|---------------------------|-----------------------------|
| <a href="#">Conforme</a>  | RoHS 2015:                  |
| <a href="#">Conforme</a>  | Reach 224:                  |
| <a href="#">Visionner</a> | Certificate of Conformance: |

## Description produit

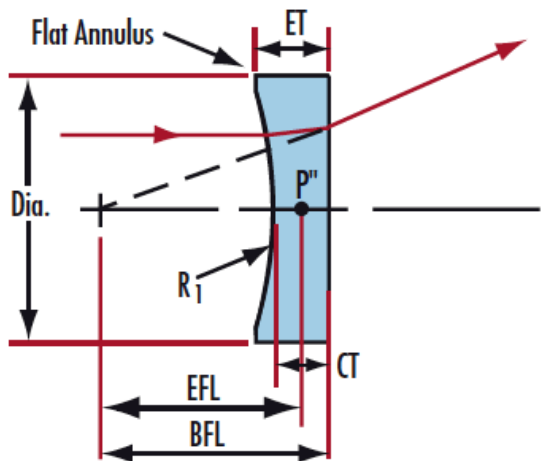
- Distances focales négatives pour les applications d'expansion de faisceau ou de projection de lumière
- Gamme de longueurs d'onde de 200 à 2000 nm
- Option traitement AR UV disponible

Les Lentilles Plan-Concaves (PCV) en Silice Fondue UV TECHSPEC® sont des éléments optiques UV de haute performance, fabriqués à l'aide d'un équipement CNC de pointe. La précision de la surface et la performance de ces optiques sont garanties grâce à l'interféromètre GPI-XP de Zygo. Les lentilles de qualité UV sont fabriquées avec précision en utilisant de la silice fondue synthétique de qualité recherche. En plus d'offrir une excellente transmission et de fonctionner à hautes températures, la silice fondue synthétique présente également des spécifications d'inclusion et d'une pureté chimique exceptionnelles. Les Lentilles Plan-Concaves (PCV) en Silice Fondue UV TECHSPEC® sont un choix idéal pour de nombreuses applications laser et d'imagerie, en particulier celles impliquant des longueurs d'onde ultraviolettes. Un traitement antireflets à large bande est disponible, optimisant la transmission dans le spectre UV.

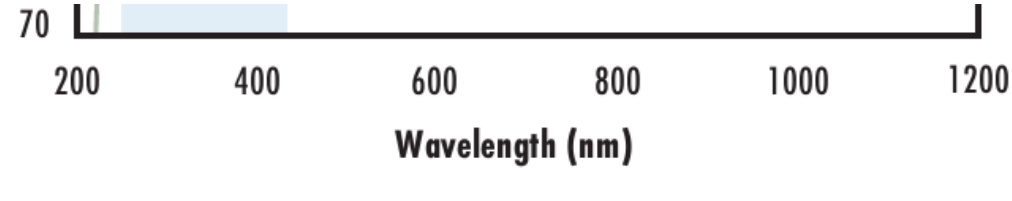
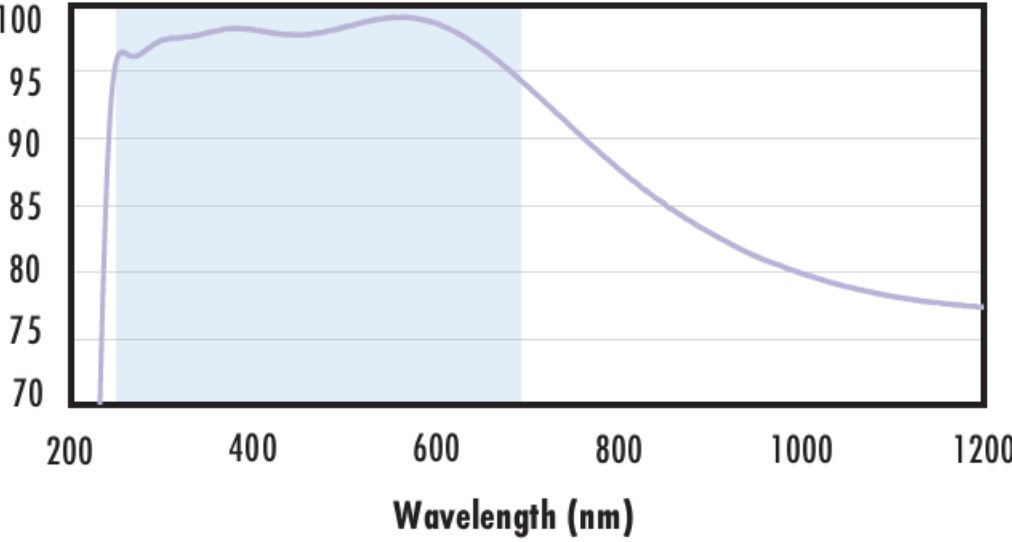
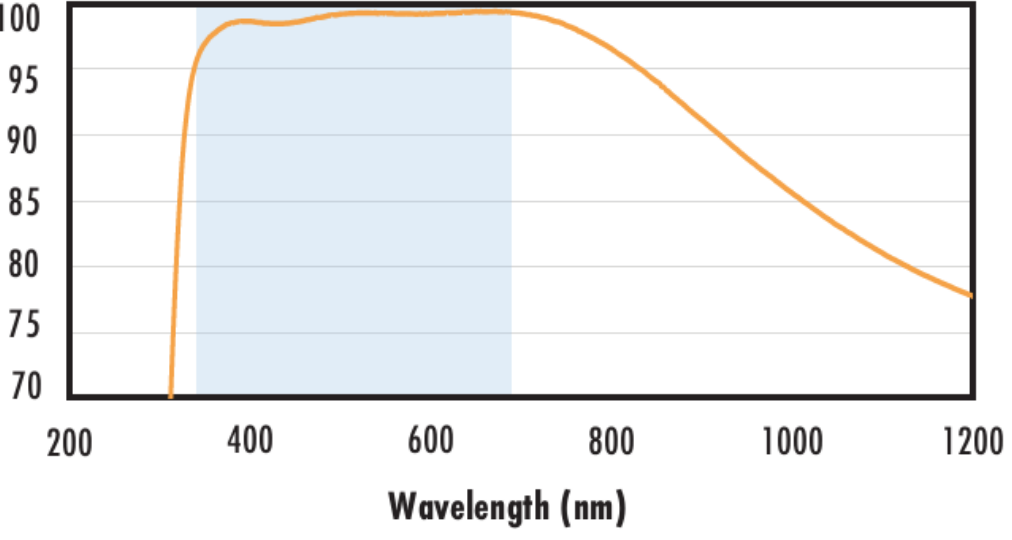
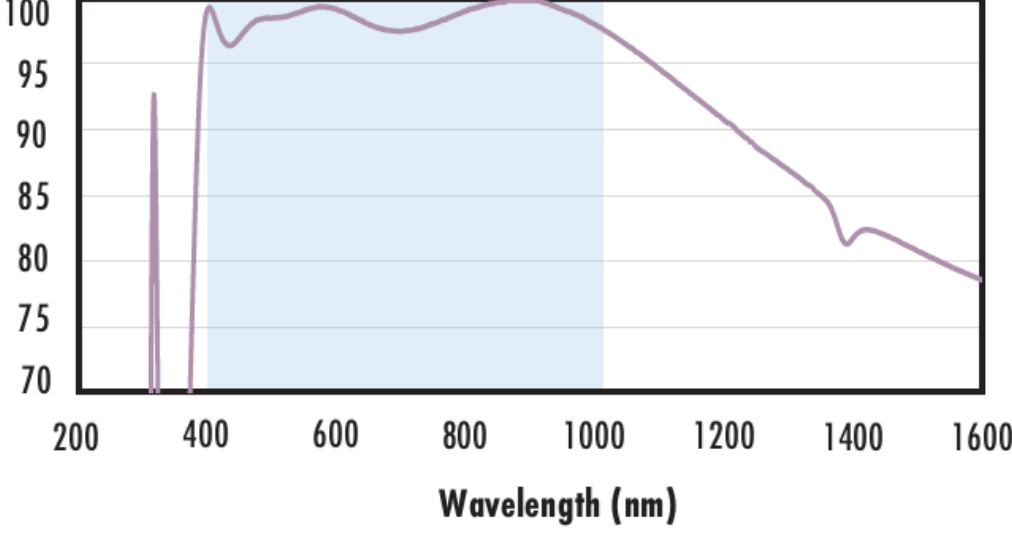
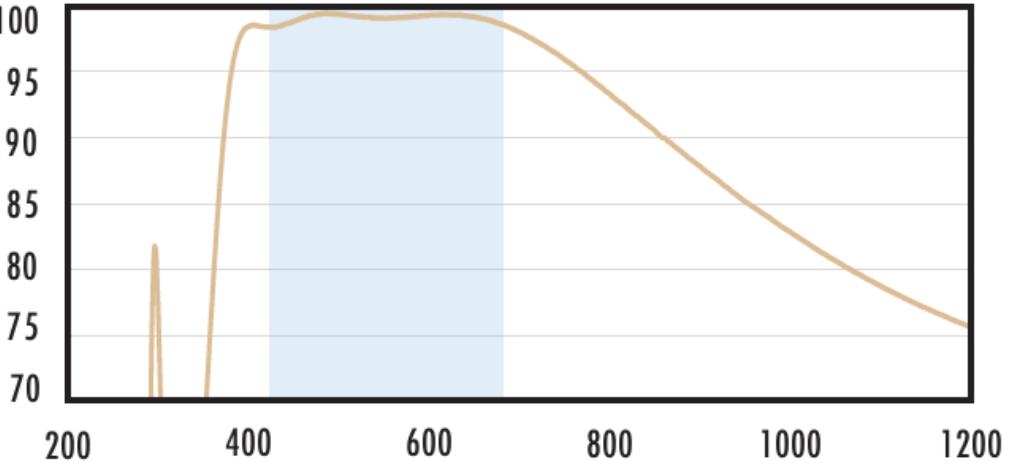
## Informations techniques



UV FS Transmission Curve



| FUSED SILICA                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div> <div>Uncoated Fused Silica</div> <div>Typical Transmission</div> </div>                     | <div> <p>Typical transmission of a 3mm thick, uncoated fused silica window across the UV - NIR spectra.</p> <p><a href="#">Click Here to Download Data</a></p> </div>                                                                                                                                                                                                                                                                                                                                                                                |
| <div> <div>Fused Silica with MgF<sub>2</sub> Coating</div> <div>Typical Transmission</div> </div> | <div> <p>Typical transmission of a 3mm thick fused silica window with MgF<sub>2</sub> (400-700nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{avg} \leq 1.75\% @ 400 - 700\text{nm}</math> (N-BK7)</p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> </div>                                                                                                   |
| <div> <div>Fused Silica with UV-AR Coating</div> <div>Typical Transmission</div> </div>           | <div> <p>Typical transmission of a 3mm thick fused silica window with UV-AR (250-425nm) coating at 0° AOI.</p> <p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <p><math>R_{abs} \leq 1.0\% @ 250 - 425\text{nm}</math><br/> <math>R_{avg} \leq 0.75\% @ 250 - 425\text{nm}</math><br/> <math>R_{avg} \leq 0.5\% @ 370 - 420\text{nm}</math></p> <p>Data outside this range is not guaranteed and is for reference only.</p> <p><a href="#">Click Here to Download Data</a></p> </div> |

|                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <p data-bbox="573 278 1083 385"><b>Fused Silica with UV-VIS Coating</b><br/><b>Typical Transmission</b></p>       | <p data-bbox="1329 439 1854 489">Typical transmission of a 3mm thick fused silica window with UV-VIS (250-700nm) coating at 0° AOI.</p> <p data-bbox="1329 501 1854 552">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 563 1707 614"><math>R_{abs} \leq 1.0\% \text{ @ } 350 - 450\text{nm}</math><math>R_{avg} \leq 1.5\% \text{ @ } 250 - 700\text{nm}</math></div> <p data-bbox="1329 649 1854 700">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 712 1707 736"><a href="#">Click Here to Download Data</a></p>                                                                        |
| <p data-bbox="567 958 1077 1065"><b>Fused Silica with VIS-EXT Coating</b><br/><b>Typical Transmission</b></p>   | <p data-bbox="1329 1142 1854 1193">Typical transmission of a 3mm thick fused silica window with VIS-EXT (350-700nm) coating at 0° AOI.</p> <p data-bbox="1329 1205 1854 1255">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 1267 1707 1291"><math>R_{avg} \leq 0.5\% \text{ @ } 350 - 700\text{nm}</math></div> <p data-bbox="1329 1302 1854 1353">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 1365 1707 1389"><a href="#">Click Here to Download Data</a></p>                                                                                                                          |
| <p data-bbox="573 1638 1083 1745"><b>Fused Silica with VIS-NIR Coating</b><br/><b>Typical Transmission</b></p>  | <p data-bbox="1329 1780 1854 1831">Typical transmission of a 3mm thick fused silica window with VIS-NIR (400-1000nm) coating at 0° AOI.</p> <p data-bbox="1329 1843 1854 1893">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1465 1905 1717 1979"><math>R_{abs} \leq 0.25\% \text{ @ } 880\text{nm}</math><math>R_{avg} \leq 1.25\% \text{ @ } 400 - 870\text{nm}</math><math>R_{avg} \leq 1.25\% \text{ @ } 890 - 1000\text{nm}</math></div> <p data-bbox="1329 2015 1854 2065">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 2077 1707 2101"><a href="#">Click Here to Download Data</a></p> |
| <p data-bbox="573 2309 1083 2415"><b>Fused Silica with VIS 0° Coating</b><br/><b>Typical Transmission</b></p>   | <p data-bbox="1329 2487 1854 2537">Typical transmission of a 3mm thick fused silica window with VIS 0° (425-675nm) coating at 0° AOI.</p> <p data-bbox="1329 2549 1854 2599">The blue shaded region indicates the coating design wavelength range, with the following specification:</p> <div data-bbox="1476 2611 1707 2635"><math>R_{avg} \leq 0.4\% \text{ @ } 425 - 675\text{nm}</math></div> <p data-bbox="1329 2647 1854 2697">Data outside this range is not guaranteed and is for reference only.</p> <p data-bbox="1476 2709 1707 2733"><a href="#">Click Here to Download Data</a></p>                                                                                                                           |

| <div><div>Wavelength (nm)</div><div><div>Fused Silica with YAG-BBAR Coating</div><div>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with YAG-BBAR Coating</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>85</td></tr><tr><td>300</td><td>87</td></tr><tr><td>400</td><td>98</td></tr><tr><td>500</td><td>100</td></tr><tr><td>600</td><td>99</td></tr><tr><td>800</td><td>98</td></tr><tr><td>1000</td><td>100</td></tr><tr><td>1100</td><td>100</td></tr><tr><td>1200</td><td>98</td></tr><tr><td>1400</td><td>88</td></tr><tr><td>1600</td><td>80</td></tr></tbody></table></div><div>Wavelength (nm)</div></div></div>                                                                  | Wavelength (nm)    | Transmission T (%) | 200 | 85 | 300 | 87 | 400 | 98  | 500 | 100 | 600 | 99  | 800  | 98  | 1000 | 100 | 1100 | 100 | 1200 | 98 | 1400 | 88  | 1600                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80 | <div><p>Typical transmission of a 3mm thick fused silica window with YAG-BBAR (500-1100nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><div><div><math>R_{abs} \leq 0.25\%</math> @ 532nm</div><div><math>R_{abs} \leq 0.25\%</math> @ 1064nm</div><div><math>R_{avg} \leq 1.0\%</math> @ 500 - 1100nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div> |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|-----|----|-----|----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|------|-----|------|----|------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Transmission T (%) |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 85                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 300                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 87                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 99                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 88                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 80                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>Wavelength (nm)</div><div><div>Fused Silica with NIR I Coating</div><div>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with NIR I Coating</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>85</td></tr><tr><td>400</td><td>98</td></tr><tr><td>500</td><td>100</td></tr><tr><td>600</td><td>100</td></tr><tr><td>800</td><td>100</td></tr><tr><td>1000</td><td>100</td></tr><tr><td>1050</td><td>100</td></tr><tr><td>1200</td><td>98</td></tr><tr><td>1400</td><td>85</td></tr><tr><td>1600</td><td>78</td></tr></tbody></table></div><div>Wavelength (nm)</div></div></div>                                                                                                      | Wavelength (nm)    | Transmission T (%) | 200 | 85 | 400 | 98 | 500 | 100 | 600 | 100 | 800 | 100 | 1000 | 100 | 1050 | 100 | 1200 | 98  | 1400 | 85 | 1600 | 78  | <div><p>Typical transmission of a 3mm thick fused silica window with NIR I (600 - 1050nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><div><div><math>R_{avg} \leq 0.5\%</math> @ 600 - 1050nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div> |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Transmission T (%) |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 85                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1050                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 85                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 78                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <div><div>Wavelength (nm)</div><div><div>Fused Silica with NIR II Coating</div><div>Typical Transmission</div><div><table border="1"><caption>Approximate data for Fused Silica with NIR II Coating</caption><thead><tr><th>Wavelength (nm)</th><th>Transmission T (%)</th></tr></thead><tbody><tr><td>200</td><td>85</td></tr><tr><td>400</td><td>94</td></tr><tr><td>500</td><td>96</td></tr><tr><td>600</td><td>100</td></tr><tr><td>750</td><td>100</td></tr><tr><td>800</td><td>100</td></tr><tr><td>1000</td><td>100</td></tr><tr><td>1200</td><td>100</td></tr><tr><td>1400</td><td>98</td></tr><tr><td>1550</td><td>100</td></tr><tr><td>1600</td><td>98</td></tr><tr><td>1800</td><td>95</td></tr><tr><td>2000</td><td>91</td></tr></tbody></table></div><div>Wavelength (nm)</div></div></div> | Wavelength (nm)    | Transmission T (%) | 200 | 85 | 400 | 94 | 500 | 96  | 600 | 100 | 750 | 100 | 800  | 100 | 1000 | 100 | 1200 | 100 | 1400 | 98 | 1550 | 100 | 1600                                                                                                                                                                                                                                                                                                                                                                                                                                  | 98 | 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 95 | 2000 | 91 | <div><p>Typical transmission of a 3mm thick fused silica window with NIR II (750 - 1550nm) coating at 0° AOI.</p><p>The blue shaded region indicates the coating design wavelength range, with the following specification:</p><div><div><math>R_{abs} \leq 1.5\%</math> @ 750 - 800nm</div><div><math>R_{abs} \leq 1.0\%</math> @ 800 - 1550nm</div><div><math>R_{avg} \leq 0.7\%</math> @ 750 - 1550nm</div></div><p>Data outside this range is not guaranteed and is for reference only.</p><p><a href="#">Click Here to Download Data</a></p></div> |
| Wavelength (nm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Transmission T (%) |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 85                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 94                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 96                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 750                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1550                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 100                |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1600                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 98                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 95                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 91                 |                    |     |    |     |    |     |     |     |     |     |     |      |     |      |     |      |     |      |    |      |     |                                                                                                                                                                                                                                                                                                                                                                                                                                       |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |    |      |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Sur mesure

Edmund Optics propose des services complets de fabrication personnalisée de composants optiques et d'imagerie adaptés aux exigences de vos applications spécifiques. Qu'il s'agisse de la phase de prototypage ou de la préparation d'une production à grande échelle, nous proposons des solutions flexibles pour répondre à vos besoins. Nos ingénieurs expérimentés sont là pour vous aider, de la conception à la réalisation.

Nos capacités comprennent :

- Dimensions, matériaux, traitements, etc. personnalisés
- Qualité de surface et planéité de surface de haute précision
- Tolérances serrées et géométries complexes
- Production évolutive – du prototype à la série

En savoir plus sur nos [capacités de fabrication sur mesure](#) ou soumettre une demande [ici](#).

## Montures compatibles